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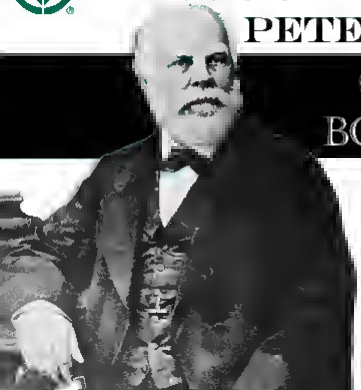

Pagination Note

Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

4 lab

69

Pin Cubensis

360-5

11339

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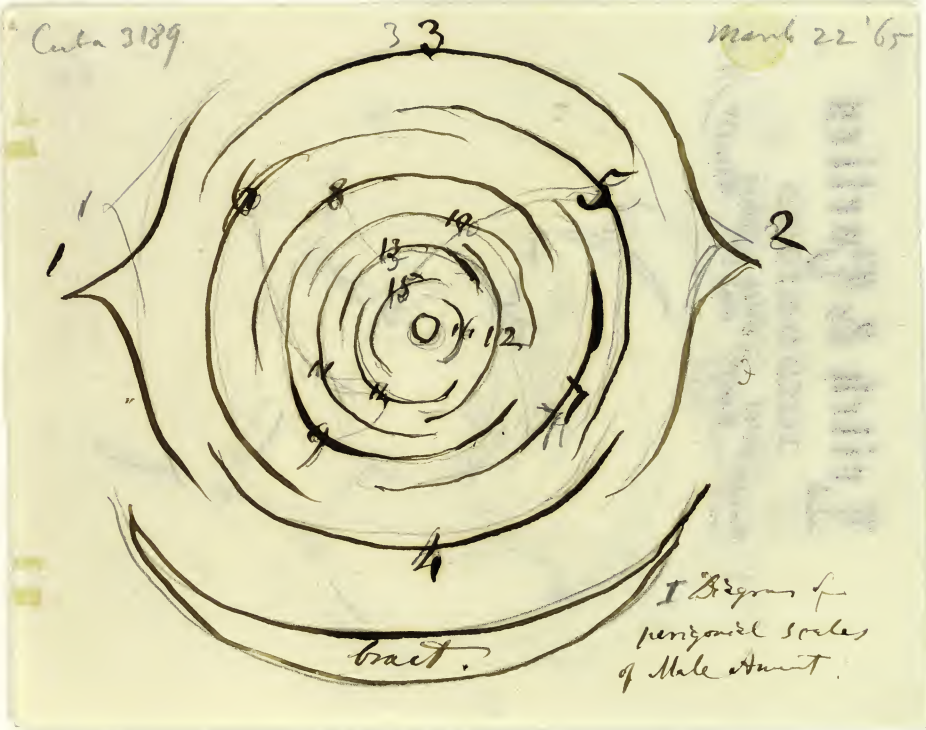
George Engelmann Papers



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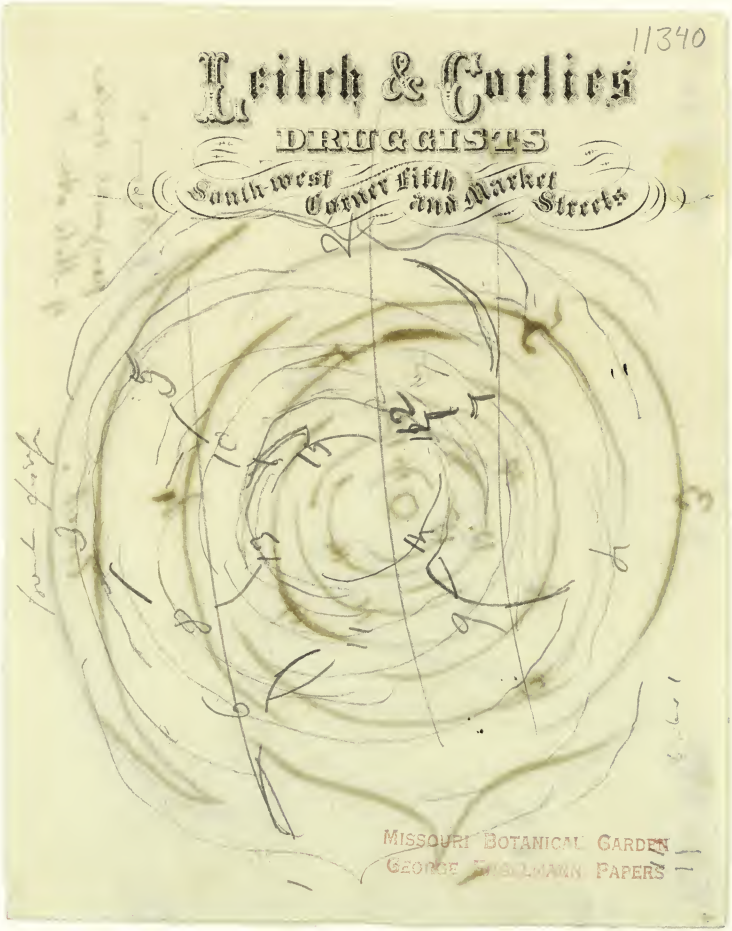

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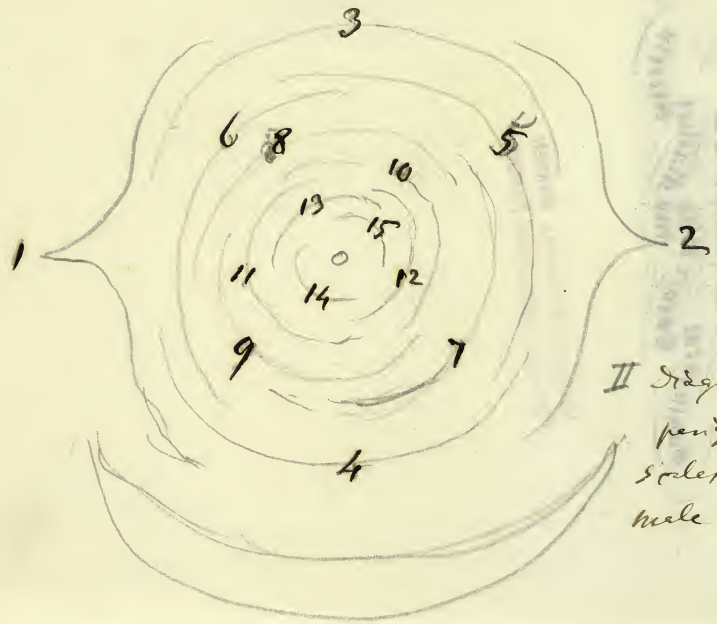
Cuba Wright 3189 Pinus Caribaea March 22 '65



II Diagram of pentagonal scales of male ament

11341

Leitch & Curlics

DRUGGISTS

South-west Corner Fifth and Market Streets

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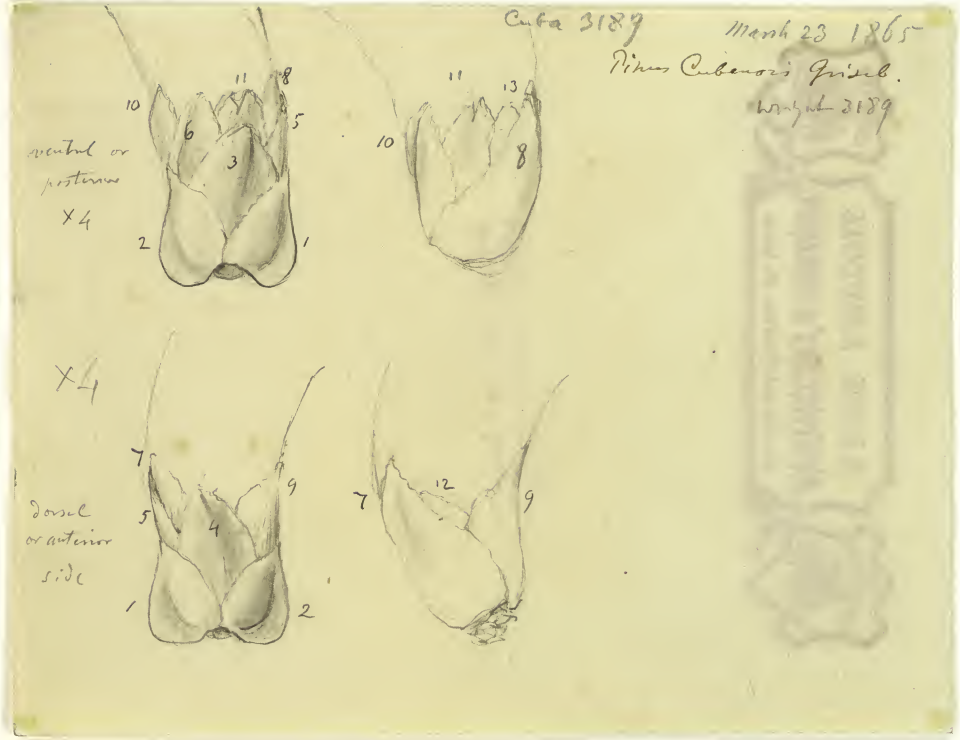

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3189 Pinus Cubensis Griseb

Cuba (Wright)

Plain of Eastern Cuba

Pollen × 415

(Fenestrate) uniporate

0.032 (0.030 – 0.034) in.

0.068 (0.064 – 0.072) mm

× 10

Anther × 2

not yet open

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LEITCH & CORLIES, 11343

DRUGGISTS,

South-West Corner of Fifth and Market Streets.

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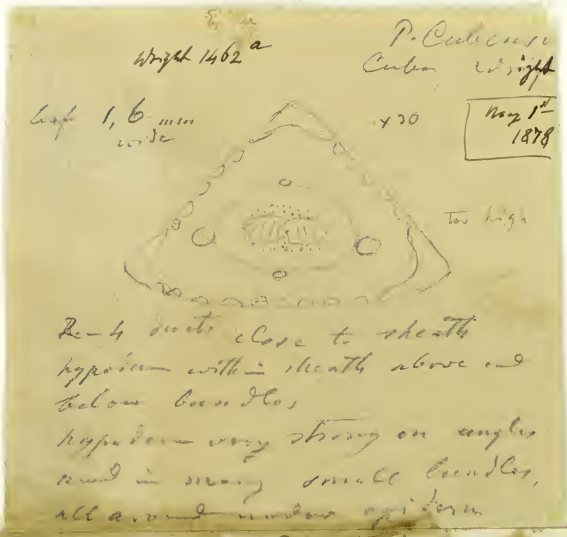

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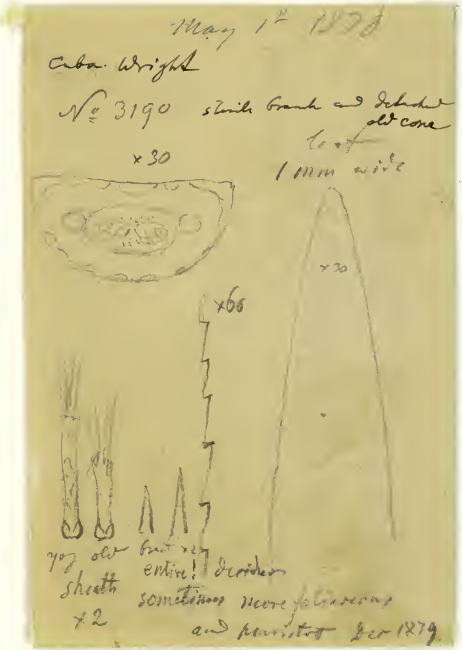

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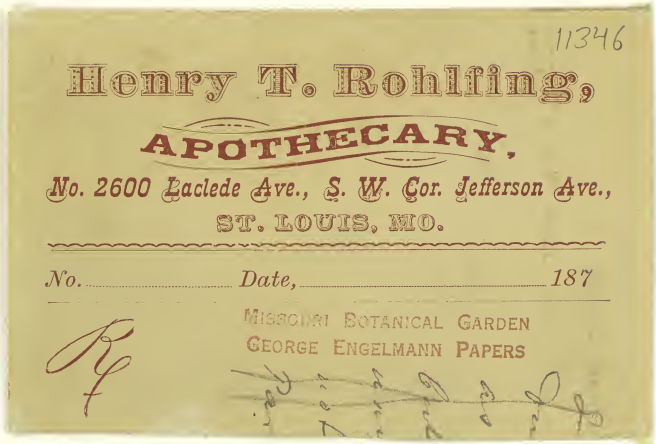

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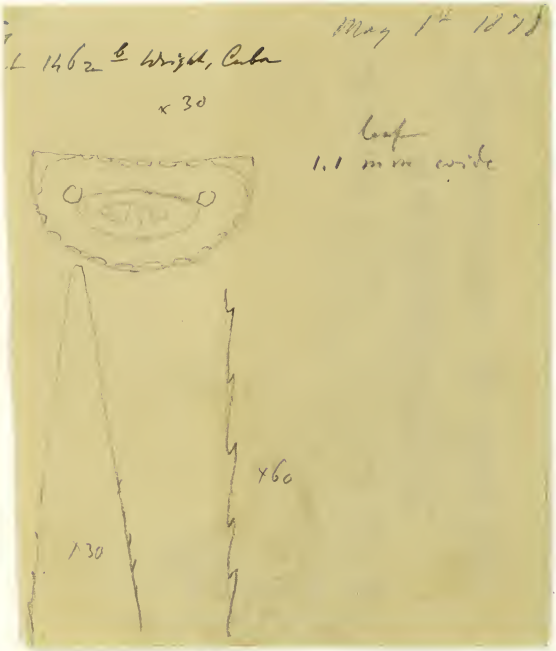

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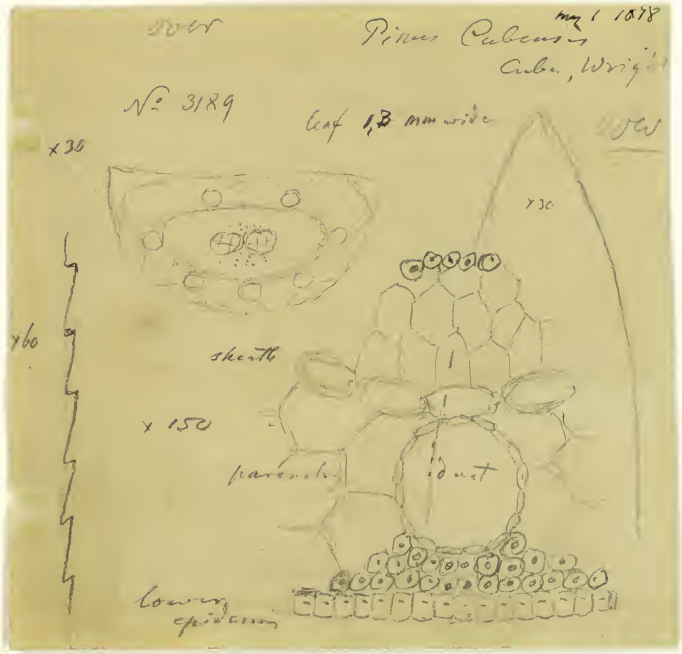

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In this large leaf the large ducts are close to sheath, as in the species regularly, but they are also (which is unusual) close to hypoderm separated from it by parenchyme

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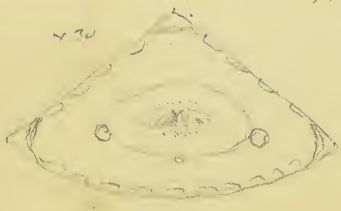
1278

Pinus Cubensis
Wright 1462 a

Dec 16 1879

×30



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Pinar

Cuba

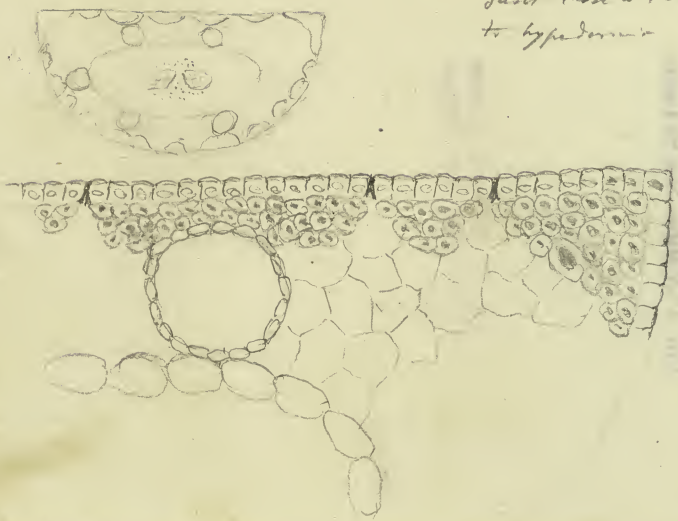
June 9 1881

Dana, 1881 No. 3

×30

leaves in 2s

Just close to sheath and also to hypodermis cells



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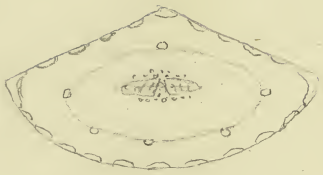
Pinus Cubensis

Cuba

Dana 1881

Dana 9 1881

×30



№ 1 (№ 2 is the same but with only 3 ducts, 1 dorsal, 2 lateral. Ducts without strengthening cells

Leaves ÷ 3

×30

№ 2

This coarse specimen; I discover only a single duct — The hypodermic cells are few and scattered; abundant about the vascular bundles.

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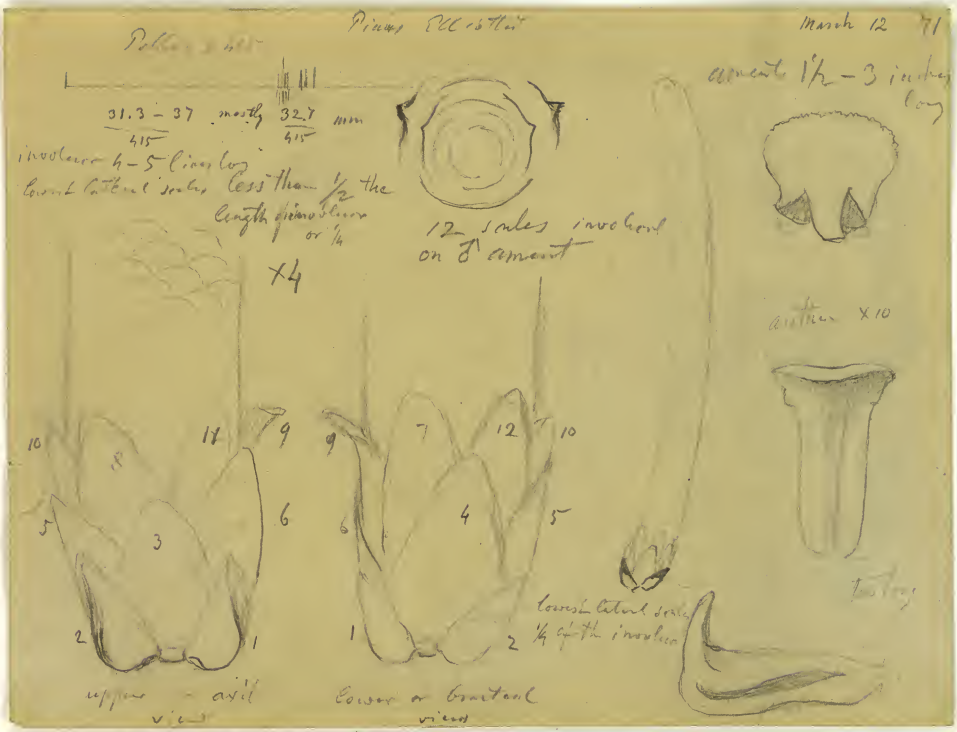
March 12 71
31.3 – 37 mostly 32.7 mm
involucre 4–5 rings low
lowest lateral scales less than 1/2 the length of involucre or 1/4
X4
12 scales involucral on 8 ament
ament 1/2 – 3 inches long
X10
upper – axil view
lower or frontal view
lowest lateral scale 1/4 length of involucre

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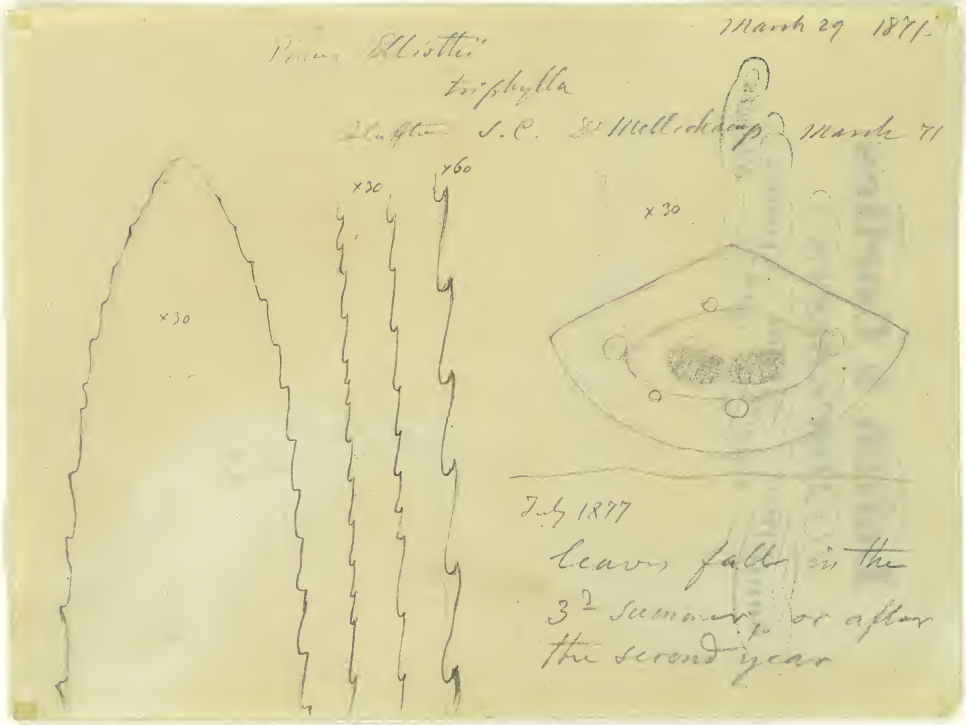

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DRUGGISTS

South West Corner Fifth and Market Streets

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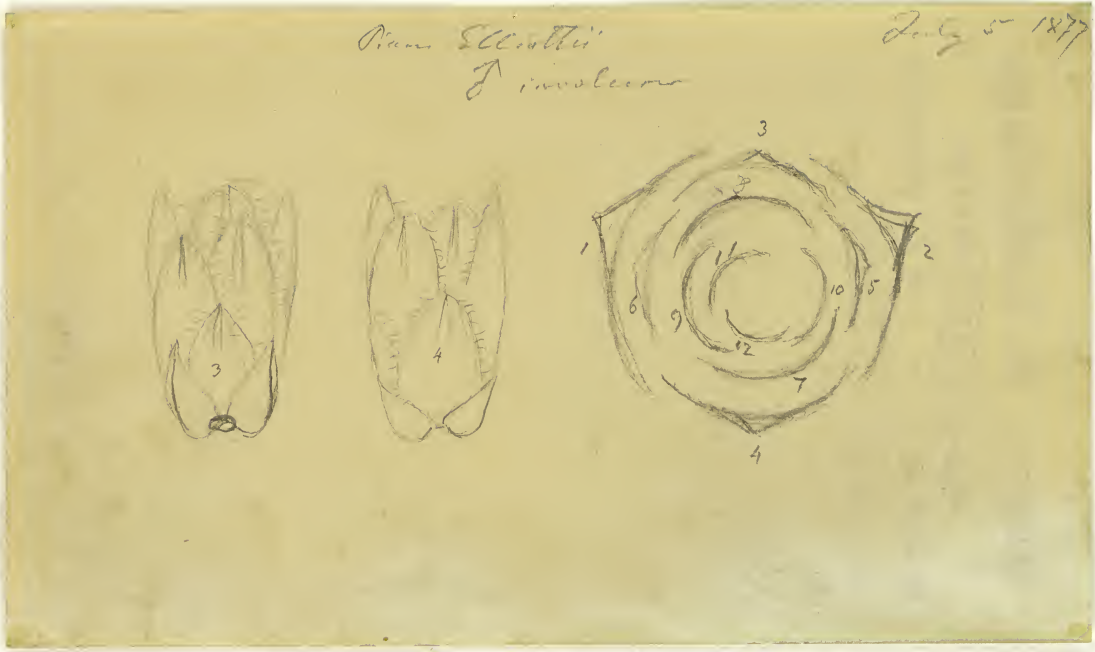

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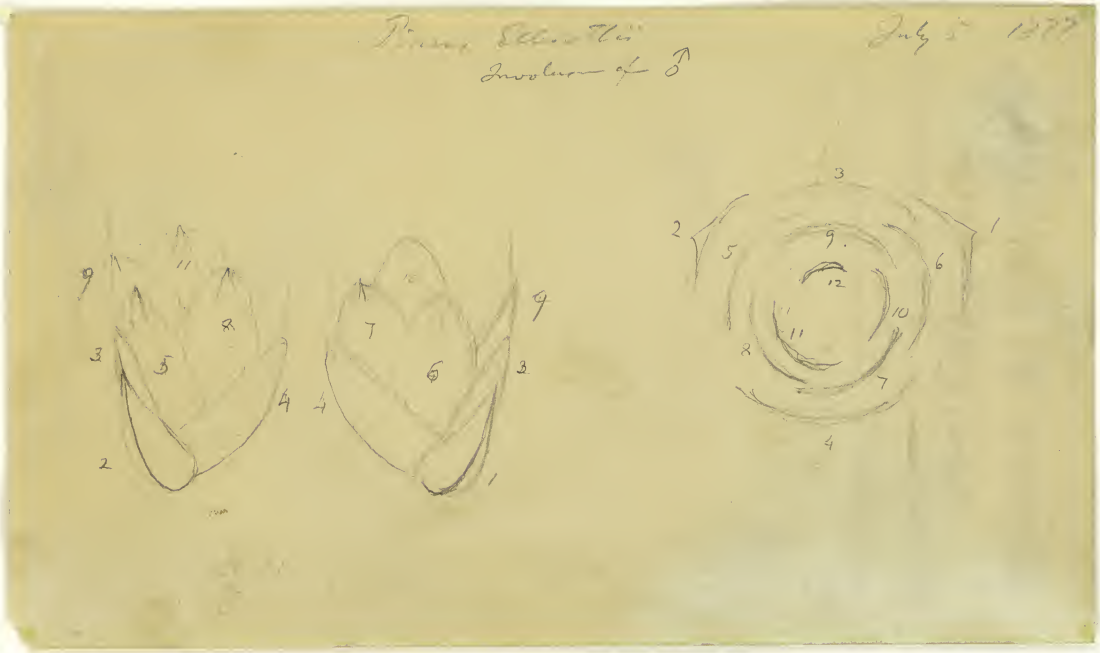

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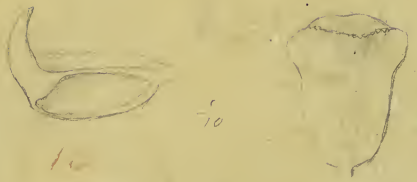

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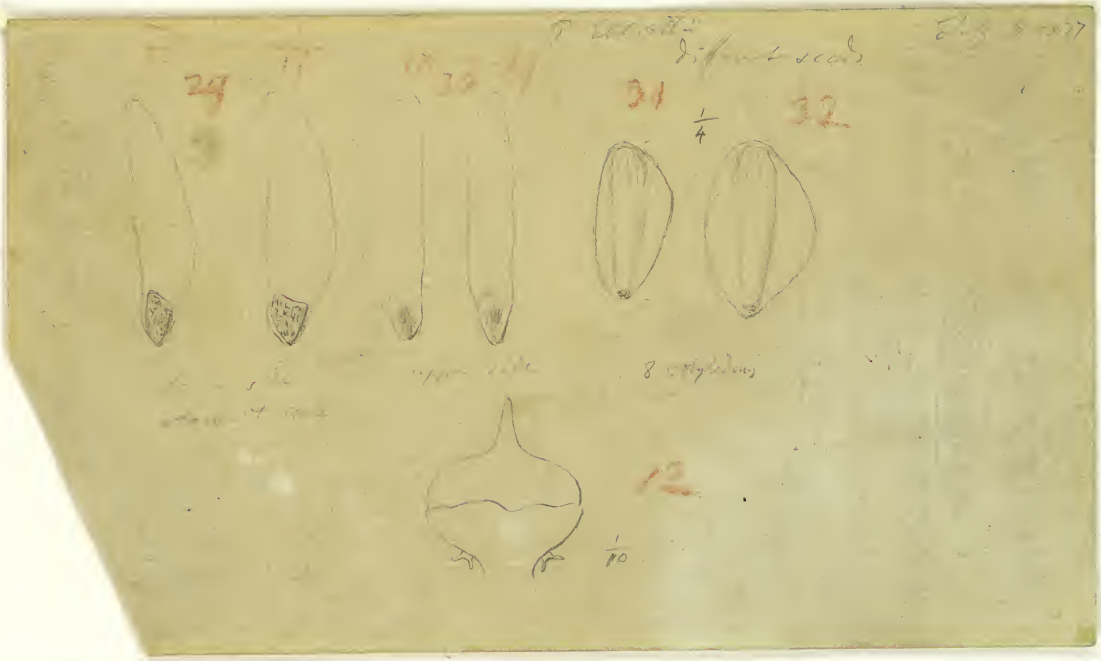

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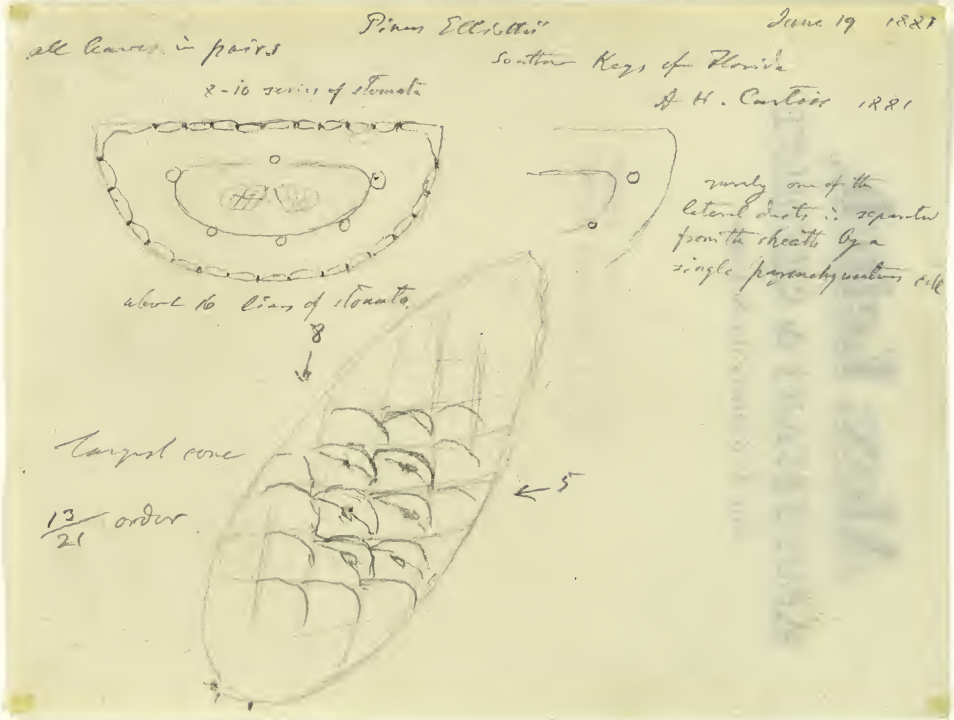
Pinus Elliottii
June 19 1881
all leaves in pairs
Southern Keys of Florida
8-10 series of stomata
S. H. Carlton 1881
rarely one of the lateral duct, is separated from the sheath by a single parenchymatous cell
about 16 lines of stomata
8
Largest cone
5
13/21 order

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